

**REMARKS**

Claims 1-16 remain in the present application.

Claims 7-9 were objected to because in claim 7, the word “pressures” should be “pressure.”

Claims 1-10 and 13-16 were rejected under 35 U.S.C. § 102(b) as being anticipated by Schiel, U.S. Patent No. 5,081,749 (“Schiel”).

Claims 11 and 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Schiel as applied to claims 5 or 10 respectively and further in view of Roberts, U.S. Patent No. 2,396,059 (“Roberts”).

Claim 7 has now been amended to address the Examiner’s objection. Claim 8 has been amended to be consistent with the remaining claims. No new matter has been added. Reconsideration of the application in view of the above amendments and below remarks is respectfully requested.

**Objection to Claims 7-9**

Claims 7-9 were objected to because in claim 7, the word “pressures” should be “pressure.”

Applicants have now amended Claim 7 to recite the word “pressure.”

Reconsideration and withdrawal of the objection to claims 7-9 is respectfully requested.

**Rejection of Claims 1-16**

Claims 1-10 and 13-16 were rejected under 35 U.S.C. § 102(b) as being anticipated by Schiel, U.S. Patent No. 5,081,749 (“Schiel”). Claims 11 and 12 were rejected under 35 U.S.C. §

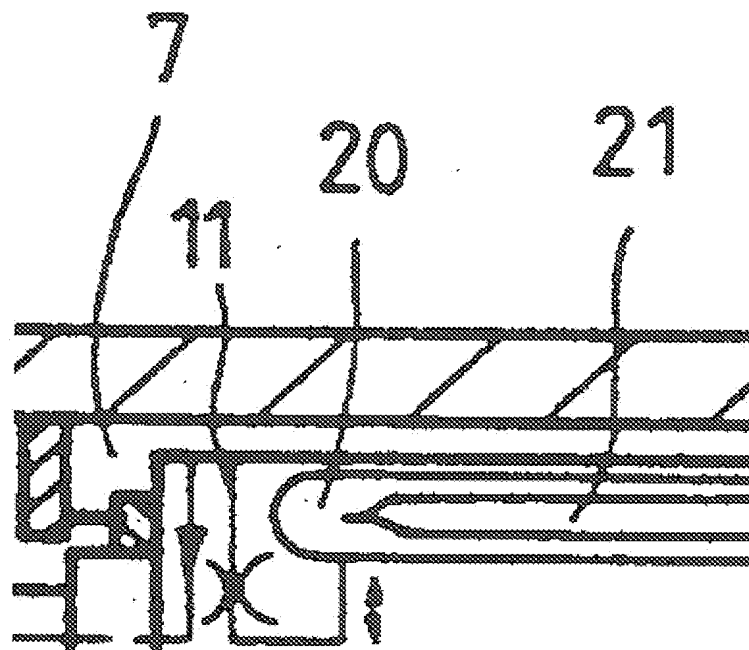
103(a) as being unpatentable over Schiel as applied to claims 5 or 10 respectively and further in view of Roberts, U.S. Patent No. 2,396,059 ("Roberts").

Schiel describes an improvement to a roll for machines used to produce or process paper, cardboard, textile-webs or the like where a first chamber 7 in the form of a semi-circular area located between the stationary central axis 1 and the rotating roll shell 2 is connected, through a constricted line 11, 12, with a second chamber also located in the interior of the roll. See Schiel, column 2, lines 37-44, column 8, lines 15-22 and Figs. 2, 3, 7, 8 and 9.

Roberts describes a flexible tube with an inner tubular sleeve of flexible impervious material embraced by a helical spring, the material of the sleeve being internally corrugated between successive turns of the spring and the spring lying at the crest of the outward corrugations. See Roberts, page 1, column 1, lines 1-2 and 46-51 and Figs 1-4.

Independent claim 1 of the present invention recites a roll for the pressure treatment of material bands "wherein in the at least one pressure chamber (12) there is provided an elastic element (18') which unrestrictedly communicates with the liquid."

Applicants respectfully submit that neither of Schiel or Roberts teach or suggest a roll wherein in the at least one pressure chamber (12) there is provided an elastic element (18') which unrestrictedly communicates with the liquid as recited by claim 1 of the present application. In contrast, Schiel teaches a roll in which the first chamber 7 is always connected via constrictions 11, 12 with the second chamber. The Examiner states that Schiel positively teaches an embodiment as shown in Fig. 7 in which "the cover closing off the groove 20 is omitted" so that the rubber tube 21 communicates with the liquid of the first chamber 7 unrestrictedly. See the Office Action of March 12, 2010, Detailed Action, page 3, lines 3-6. The Applicants respectfully disagree with the Examiner's interpretation of Schiel. Fig. 7 specifically teaches a "constricted connecting line running from upper semicircular chamber 7 to groove 20 [as] is indicated diagrammatically at 11." See Schiel, column 7, lines 32-34. The constricted connecting line 11 is also clearly shown in Fig. 7 as is shown in the cutout below:



The comment in Schiel that “[t]he cover closing off groove 20 is omitted” simply conveys to a person of ordinary skill in the art that said feature is *not shown* in Fig. 7. If this were otherwise, Schiel would contain no contrary teaching on constricted connecting line 11 in Fig. 7, nor would constricted connecting line 11 need to be specifically shown in Fig. 7, nor would Fig. 7 specifically show a separate space between the groove 20 and the first chamber 7. Roberts does not cure this defect. In contrast, Roberts discloses a flexible tube with an inner tubular sleeve of flexible impervious material embraced by a helical spring, the material of the sleeve being internally corrugated between successive turns of the spring and the spring lying at the crest of the outward corrugations. See Roberts, page 1, column 1, lines 1-2 and 46-51 and Figs 1-4.

Because each of Schiel and Roberts are missing at least the feature of a roll wherein in the at least one pressure chamber (12) there is provided an elastic element (18') which unrestrictedly communicates with the liquid as recited by claim 1 of the present application, it is respectfully submitted that any combination of Schiel and Roberts, to the extent proper, could not anticipate or render obvious claim 1, or any of its dependent claims.

For at least the above reasons, reconsideration and withdrawal of the rejection to claims 1-10 and 13-16 under 35 U.S.C. § 102(b) based on Schiel and to claims 11 and 12 under 35 U.S.C. § 103(a) based on Schiel in view of Roberts is respectfully requested.

**CONCLUSION**

In view of the above amendment, Applicants believe the pending application is in condition for allowance.

It is believed that no fee(s) other than the fee for a one (1) month extension of time is required for these submissions. Should the U.S. Patent and Trademark Office determine that additional fees are owed or that any refund is owed for this application, the Commissioner is hereby authorized and requested to charge the required fee(s) and/or credit the refund(s) owed to our Deposit Account No. 12-1216.

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Respectfully submitted,

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